

Claims

*Bandage
602/48
57*

*424/443
448*

602/46

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1. A wound dressing providing disparate wound management features depending on its orientation on the wound surface.
2. The product of Claim 1 wherein one orientation provides a non-adherent surface and the other provides an adherent surface.
3. The product of Claim 1 wherein the wound dressing consists of a multilayered composite structure.
4. The product of Claim 2 wherein the wound dressing consists of a multilayered composite structure.
5. The product of Claim 3 wherein the multilayered composite consists of at least one membrane layer and one foam layer.
6. The product of Claim 4 wherein the multilayered composite consists of at least one membrane layer and one foam layer.
7. The product of Claim 5 wherein the membrane layer consists of a silicone-containing compound.
8. The product of Claim 6 wherein the membrane layer consists of a silicone-containing compound.
9. The product of Claim 5 wherein the foam layer consists of a polyurethane material.

10. The product of Claim 6 wherein the foam layer consists of a polyurethane material.

11. The product of Claim 5 wherein the membrane layer consists of a silicone-containing compound and

5 the foam layer consists of a polyurethane material.

12. The product of Claim 6 wherein the membrane layer consists of a silicone-containing compound and the foam layer consists of a polyurethane material.

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10 13. A method of manufacturing a wound dressing with disparate wound management features depending on its orientation on the wound surface consisting of (1) producing a thin film of a polymer compound, (2) passing said thin film through a coating assembly and depositing a layer of an adhesive substance, (3)

15 causing a foam material to make intimate contact with said adhesive, and (4) optionally cutting individual dressings from the sheet and/or creating fenestrations in the film.

14. A method of managing a variety of wound types

20 using a dressing with disparate wound management features depending on its orientation on the wound surface.

15. A new wound dressing, substantially as herein

25 described.

16. A new method of manufacturing a dual-purpose wound

dressing, substantially as herein described.

17. A new method of managing a variety of wound types, substantially as herein described.

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9-2
478
304.4

18. A composite article for use as a wound dressing, said article comprising:

a first surface; and

a second surface;

wherein said first surface and said second

10 surface each has disparate properties for wound healing.

19. A composite article for use as a wound dressing, said article comprising:

at least one first layer of material; and

15 at least one second layer of material bonded with said first layer of material;

wherein said at least one first layer of material forms a first surface of said article;

20 wherein said at least one second layer of material forms a second surface of said article; and

wherein said first surface and said second surface each has disparate properties for wound healing.

20. The composite article of claim 19, further comprising a bonding agent for bonding said at least one first layer of material to said at least one second layer of material.

21. The composite article of claim 20, wherein said bonding agent comprises a silicone compound.

22. The composite article of claim 19, wherein said at least one first layer comprises at least one 5 membrane layer.

23. The composite article of claim 19, wherein said at least one first layer comprises a silicone-containing compound.

24. The composite article of claim 19, wherein said 10 at least one second layer comprises a foam layer.

25. The composite article of claim 24, wherein said foam layer comprises polyurethane.

26. The composite article of claim 23, wherein said silicone-containing compound comprises an 15 interpenetrating polymer network of polytetrafluoroethylene and silicone.

27. The composite article of claim 24, wherein said silicone-containing compound comprises an interpenetrating polymer network of 20 polytetrafluoroethylene and silicone.

28. The composite article of claim 23, wherein said foam layer comprises polyurethane.

29. The composite article of claim 24, wherein said foam layer comprises polyurethane.

25 30. The composite article of claim 19, further comprising a pigment associated with at least one of

said at least one first layer and said at least one second layer for distinguishing at least one of said at least one first layer and said at least one second layer from the other.

- 5 31. The composite article of claim 19, wherein said at least one first layer comprises a substantially transparent material, and wherein and said at least one second layer comprises a substantially opaque material, said composite article further comprising
- 10 10 a pigment for imparting a discernable color to said at least one first layer of material.
32. The composite article of claim 20, further comprising a pigment; wherein said bonding agent comprises a silicone-containing compound, and
- 15 15 wherein said pigment is added to said silicone containing compound.
33. The composite article of claim 19, wherein said at least one first layer comprises a polymer film with fenestrations therein.
- 20 20 34. A method for treating a wound comprising the steps of:
providing a wound dressing having at least a first treatment property when oriented in a first position and at least a second treatment property when oriented in a second position;

selecting one or the other of the first treatment property and the second treatment property for the wound being treated;

applying the wound dressing to a wound by 5 orienting the wound dressing to contact the wound to deliver the selected treatment property.

35. The method of claim 34, wherein the step of providing a wound dressing having at least a first treatment property when oriented in a first position 10 and at least a second treatment property when oriented in a second position comprises providing a wound dressing having at least a first surface and at least a said second surface;

wherein the step of selecting one or the other 15 of the first treatment property and the second treatment property for the wound being treated comprises selecting one or the other of said first surface of said wound dressing and said second surface of said wound dressing; and

20 wherein the step of applying the wound dressing comprises contacting said wound with said selected surface.

36. The method of claim 34, further comprising the steps of:

25 allowing said wound dressing to remain in contact with said wound; and

removing said wound dressing from said wound.

37. The method of claim 34, wherein the step of providing a wound dressing comprises providing a wound dressing having at least one first layer and 5 at least one second layer, wherein each layer has disparate properties for wound healing; wherein the step of selecting includes selecting one or the other of the first treatment property and the second treatment property for the wound being treated; and 10 and wherein the step of orienting comprises positioning one or the other of said at least one first layer and said at least one second layer to contact the wound to be treated to apply the selected treatment property.